

Amendments – [text in brackets is deleted]. *Text in italics in new.*

26.08.01.01

.01 Definitions.

A. General.

(1)—(19) (Text Unchanged)

(19-1) “*Use Class*” means the combination of waterbody type (e.g. non-tidal) and designated uses given to each waterbody.

(20)—(103) (Text Unchanged)

26.08.02.01

.01 Surface Water Quality Protection.

A. (Text Unchanged)

B. Water Quality Standards.

(1) The surface water quality standards consist of [two] *three* parts:

(a) Designated uses of the waters of this State; and

(b) Water quality criteria to protect the designated uses.

(c) *Antidegradation Policy*

(2)—(5) (Text Unchanged)

26.08.02.02

.02 Designated Uses.

A. (Text Unchanged)

B. Specific Designated Use[s] *Classes*.

(1) [Use] *Class I*: Water Contact Recreation, and Protection of Nontidal Warmwater Aquatic Life. This use designation includes waters that are suitable for:

(a)—(f) (Text Unchanged)

(2) [Use] *Class I-P*: Water Contact Recreation, Protection of Aquatic Life, and Public Water Supply. This use designation includes:

(a) All uses identified for [Use] *Class I*; and

(b) (Text Unchanged)

(3) [Use] *Class II*: Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting. This use designation includes all applicable uses identified for [Use] *Class I* in:

(a)—(b) (Text Unchanged)

(4) [Use] *Class II-P*: Tidal Fresh Water Estuary. This use designation includes:

(a) All uses identified for [Use] *Class II* waters; and

(b) (Text Unchanged)

(5) [Use] *Class III*: Nontidal Cold Water. This use designation includes all uses identified for [Use] *Class I* and waters which have the potential for or are[:]

[(a)] [S] suitable for the growth and propagation of *self-sustaining* trout[;] *populations and other coldwater obligate species including, but not limited to the stoneflies tallaperla and sweltsa.*

[(b)] Capable of supporting self-sustaining trout populations and their associated food organisms.]

(6) [Use] *Class III-P*: Nontidal Cold Water and Public Water Supply. This use designation includes:

(a) All uses identified for [Use] *Class III* waters; and

(b) (Text Unchanged)

(7) [Use] *Class IV*: Recreational Trout Waters. This use designation includes all uses identified for [Use] *Class I* in cold or warm waters that have the potential for or are:

(a)—(b) (Text Unchanged)

(8) [Use] *Class IV-P*: Recreational Trout Waters and Public Water Supply. This use designation includes:

(a) All uses identified for [Use] *Class IV* waters; and

(b) (Text Unchanged)

26.08.02.02-1

.02-1 Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting.

A. [Use] *Class II* includes the subcategories of designated uses described in this section.

B.—G. (Text Unchanged)

26.08.02.03-2

.03-2 Numerical Criteria for Toxic Substances in Surface Waters.

A.— F. (Text Unchanged)

G. Tables of Ambient Water Quality Criteria.

(1) (Text Unchanged)

(2) Table 2. Toxic Substances for Ambient Water Quality Criteria — Organic Compounds.

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
1,1 Dichloroethylene (DCE)— N-Nitrosodiphenylamine (Text Unchanged)								
<i>Nonylphenol</i>	84852 153	28	6.6	7	1.7			
Phenol	108952					10000	860000	
Tetrachloroethylene— Vinyl chloride (Text Unchanged)	127184					6.9	33	0.005

¹ (Text Unchanged)

* (Text Unchanged)

(3) (Text Unchanged)

(4) Table 4. Toxic Substances for Ambient Water Quality Criteria-Pesticides and Chlorinated Compounds.

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
2, 3, 7, 8-TCDD (Dioxin) — Aldrin (Text Unchanged)								
alpha-BHC					[0.026 1]	[0.049]0.026	0.049	
alpha-Endosulfan— beta-Endosulfan								

(Text Unchanged)								
<i>Carbaryl</i>	63252	2.1	2.1	1.6				
Chlordane— Chlorpyrifos (Text Unchanged)								
<i>Diazinon</i>	33341 5	0.17	0.17	0.82	0.82			
Dieldrin — Pentachlorophenol (PCP) ¹ (Text Unchanged)								

¹ (Text Unchanged)

* (Text Unchanged)

H. Acute Numeric Toxic Substance Criteria for Ammonia for the Protection of Fresh Water Aquatic Life (Table 1).

(1) Presence of Salmonid Fish. In [Use] *Class* III, III-P, IV, and IV-P waters, the concentration of total ammonia (in milligrams of nitrogen per liter) may not exceed the acute criterion listed under "Salmonids Present" in Table 1.

(2) Absence of Salmonid Fish. In [Use] *Class* I and I-P waters, the concentration of total ammonia (in milligrams of nitrogen per liter) may not exceed the acute criterion listed under "Salmonids Absent" in Table 1.

(3) Table 1 (Text Unchanged)

¹ The acute water quality criteria for total ammonia where salmonids may be present was calculated using the following equation, which may also be used to calculate unlisted values: Acute water quality criteria for ammonia (salmonids present) = $\left[\frac{0.275}{1 + 10^{7.204 - \text{pH}}} + \frac{39.0}{1 + 10^{\text{pH} - 7.204}} \right]$

$$\frac{0.275}{1 + 10^{7.204 - \text{pH}}} + \frac{39.0}{1 + 10^{\text{pH} - 7.204}}$$

² The acute water quality criteria for total ammonia where salmonids are absent were calculated using the following equation, which may also be used to calculate unlisted values: Acute water quality criteria for ammonia (salmonids absent) = $\left[\frac{0.411}{1 + 10^{7.204 - \text{pH}}} + \frac{58.4}{1 + 10^{\text{pH} - 7.204}} \right]$

$$\frac{0.411}{1 + 10^{7.204 - \text{pH}}} + \frac{58.4}{1 + 10^{\text{pH} - 7.204}}$$

I. Chronic Numeric Toxic Substance Criteria for Ammonia, Expressed as a 30-day Average, for the Protection of Fresh Water Aquatic Life (Tables 1 and 2).

(1)—(3) (Text Unchanged)

(4) Table 1. (Text Unchanged)

¹ The freshwater chronic water quality criteria for total ammonia where fish early life stages may be present were calculated using the following equation, which may also be used to calculate unlisted values:

Freshwater chronic water quality criterion for ammonia (fish early life stages present) = $\left[\frac{0.0577}{1 + 10^{7.688 - \text{pH}}} + \frac{2.487}{1 + 10^{\text{pH} - 7.688}} \right] \times \text{MIN}(2.85, 1.45 \times 100.028 \times (25 - T))$

$$\left(\frac{0.0577}{1 + 10^{7.688 - \text{pH}}} + \frac{2.487}{1 + 10^{\text{pH} - 7.688}} \right) \times \text{MIN}(2.85, 1.45 \times 10^{0.028 \times (25 - T)})$$

Where MIN indicates the lesser of the two values separated by a comma.

(5) Table 2. (Text Unchanged)

¹ The freshwater chronic water quality criteria for total ammonia where fish early life stages are absent were calculated using the following equation, which may also be used to calculate unlisted values:

Freshwater chronic water quality criterion for ammonia (fish early life stages absent) = $\left[\frac{0.0577}{1 + 10^{7.688 - \text{pH}}} + \frac{2.487}{1 + 10^{\text{pH} - 7.688}} \right] \times 1.45 \times 100.028 \times (25 - \text{MAX}(T, 7))$

$$\left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \times 1.45 \times 10^{0.028 \times (25 - \text{MAX}(T, 7))}$$

Where MAX indicates the greater of the two values separated by a comma.

²At 15°C and above, the criterion for fish early life stage absent is the same as the criterion for fish early life stage present.

J.—K. (Text Unchanged)

26.08.02.03-3

.03-3 Water Quality Criteria Specific to Designated Uses.

- A. Criteria for [Use] *Class I* Waters—Water Contact Recreation and Protection of Nontidal Warmwater Aquatic Life.
- (1)—(7) (Text Unchanged)
 - (a)—(c) (Text Unchanged)
- B. Criteria for Subcategory [Use] *Class I-P* Waters—Water Contact Recreation, Protection of Nontidal Warmwater Aquatic Life and Public Water Supply. The following criteria apply:
- (1) The criteria for [Use] *Class I* waters in §A(1)—[(5)](6); and
 - (2) (Text Unchanged)
- C. Criteria for [Use] *Class II* Waters—Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting.
- (1) Bacteriological Criteria. These criteria are the same as for [Use] *Class I*, criteria for protection of recreational use, except, in Shellfish Harvest Waters, the following criteria also apply. In Shellfish Harvest waters, there may not be any pathogenic or harmful organisms in sufficient quantities to constitute a public health hazard in the use of waters for shellfish harvesting. A public health hazard for the consumption of raw shellfish will be presumed:
- (a)—(c) (Text Unchanged)
 - (2) Classification of [Use] *Class II* Waters for Harvesting.
 - (a)—(d) (Text Unchanged)
 - (3) Temperature—same as [Use] *Class I* waters.
 - (4) pH—same as [Use] *Class I* waters.
 - (5) Turbidity—same as [Use] *Class I* waters.
 - (6) Color—same as [Use] *Class I* waters.
 - (7) (Text Unchanged)
 - (8) Dissolved Oxygen Criteria for [Use] *Class II* Waters.
 - (a) This criteria is the same as for [Use] *Class I* waters, except for the Chesapeake Bay mainstem and associated tidal tributary subcategories.
 - (b)—(h) (Text Unchanged)
 - (9)—(10) (Text Unchanged)
 - (11) Compliance Schedules for Protection of Downstream Uses in Tidal Waters.
 - (a) (Text Unchanged)
 - (b) An upstream state issuing discharge permits to existing dischargers which contain new or revised effluent limitations based on the water quality standards contained in §C(8) and (9) of this regulation may apply the compliance schedule provisions of COMAR 26.08.04.02C.
- C-1. Criteria for [Use] *Class II-P* Waters—Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting and Public Water Supplies. The following criteria apply:
- C-1. Criteria for [Use] *Class II-P* Waters—Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting and Public Water Supplies. The following criteria apply:
- (1) The criteria for [Use] *Class II* waters in §C(1)—(8), (9)(a)—(c), (10), and (11); and
 - (2) (Text Unchanged)
- D. Criteria for [Use] *Class III* Waters—Nontidal Cold Water.
- (1) Bacteriological—same as [Use] *Class I* waters.
 - (2) (Text Unchanged)
 - (3) Temperature.
 - (a) (Text Unchanged)
 - (b) Ambient temperature—Same as [Use] *Class I*.
 - (c) (Text Unchanged)
 - (d) It is the policy of the State that riparian forest buffer adjacent to [Use] *Class III* waters shall be retained whenever possible to maintain the temperatures essential to meeting this criterion.
 - (4) pH—same as [Use] *Class I* waters.
 - (5) Turbidity—same as [Use] *Class I* waters.
 - (6) Color—Same as [Use] *Class I-P* waters.
 - (7) Total Residual Chlorine (TRC). Except as provided in COMAR 26.08.03.06, the Department may not issue a permit allowing the use of chlorine or chlorine-containing compounds in the treatment of wastewaters discharging to [Use] *Class III* and [Use] *Class III-P* waters.
 - (8) (Text Unchanged)
- E. Criteria for [Use] *Class III-P* Waters—Nontidal Cold Water and Public Water Supplies.

(1) Exception. Authorized operation of the Little Seneca Creek Dam means that all operational activities permitted are met under the conditions of a dam operating permit issued by the Department of Natural Resources under Natural Resources Article, §§8-801—8-814, Annotated Code of Maryland, and COMAR 08.05.03. Injury resulting from the authorized operation of Little Seneca Creek Dam to the [Use] *Class III* natural trout fishery recognized in the stream use designation assigned to Little Seneca Creek in Regulation .08 of this chapter is not considered a violation of this chapter.

(2) The following criteria apply:

(a) The criteria for [Use] *Class III* waters in §D(1)—(7); and

(b) (Text Unchanged)

F. Criteria for [Use] *Class IV* Waters—Recreational Trout Waters.

(1) Bacteriological—same as [Use] *Class I* waters.

(2) Dissolved oxygen—same as [Use] *Class I* waters.

(3) Temperature.

(a) (Text Unchanged)

(b) Ambient temperature—Same as [Use] *Class I*.

(c) (Text Unchanged)

(d) It is the policy of the State that riparian forest buffer adjacent to [Use] *Class IV* waters shall be retained whenever possible to maintain the temperatures essential to meeting this criterion.

(4) pH—same as [Use] *Class I* waters.

(5) Turbidity—same as [Use] *Class I* waters.

(6) Color—same as for [Use] *Class I* waters.

(7) (Text Unchanged)

G. Criteria for [Use] *Class IV-P* Waters—Recreational Trout Waters and Public Water Supplies. The following criteria apply:

(1) The criteria for [Use] *Class IV* waters in §F(1)—(6); and

(2) (Text Unchanged)

H. Criteria for Public Water Supply Reservoirs. The following criteria apply in freshwater reservoirs designated [Use] *Class I-P*, *III-P* or *IV-P*:

(1)—(2) (Text Unchanged)

26.08.02.04

.04 Anti-Degradation Policy.

A. Waters of this State shall be protected and maintained for existing uses and the basic uses of water contact recreation, fishing, protection of aquatic life and wildlife, and agricultural and industrial water supply as identified in [Use] *Class I*.

B.—F. (Text Unchanged)

26.08.02.04-1

.04-1 Antidegradation Policy Implementation Procedures.

A.—N. (Text Unchanged)

O. List of Tier II Waters.

								Baseli ne:	
Date	Stream Name	County	12-Digit Watershed	From Lat	From Long	To Lat	To Long	Fish IBI	Benthi c IBI
Black Sulphur Run 1—Beetree Run 1 (Text Unchanged)									
201 2	<i>Bens Run 1</i>	<i>Baltimore</i>	021309061 018	39.316 82	- 76.79279	39.314 02	- 76.794 00	4.44	4.00
Blackrock Run 1— Beaver Run 1 (Text Unchanged)									
201 2	<i>Beaver Run 2</i>	<i>Carroll</i>	021309071 057	39.515 55	- 76.93302	39.503 02	- 76.912	4.50	4.00

							45		
Gillis Falls 1—Reeder Run 2 (Text Unchanged)									
201 2	Swanson Creek 4	Charles	021311010 892	38.565 22	- 76.76043	38.563 23	- 76.757 01	4.00	4.60
Swanson Creek UT 1—Zekiah Swamp Run 6 (Text Unchanged)									
201 2	Zekiah Swamp Run 7	Charles	021401080 768	38.619 10	- 76.82968	38.613 93	- 76.832 66	4.17	4.86
Zekiah Swamp Run UT 1—Mattawoman Creek 1 (Text Unchanged)									
201 2	Mattawoman Creek 2	Charles, Prince George's	021401110 786	38.652 34	- 76.90833	38.652 52	- 76.916 89	4.00	4.14
Swanson Creek 1— Buffalo Run 2 (Text Unchanged)									
201 2	Buffalo Run 3	Garrett	050202010 019	39.687 81	- 79.41738	39.686 85	- 79.410 02	4.00	4.25
Casselman River —1Bynum Run UT 1 (Text Unchanged)									
201 2	Cattail Branch UT 1	Harford	021202020 328	39.620 17	- 76.49403	39.635 21	- 76.499 27	5.00	4.33
Deer Creek 2— Chaptico Run 1 (Text Unchanged)									
201 2	Fisherman Creek 1	Saint Mary's	021401030 712	38.210 65	- 76.40307	38.197 62	- 76.419 25	4.67	4.00
Forrest Hall Branch 1— Nassawango Creek 3 (Text Unchanged)									

P. (Text Unchanged)

26.08.02.07

.07 Surface Water Use Designation.

A—D. (Text Unchanged)

E. Stream segments, listed below in tabular form, shall be given the additional protection required for:

- (1) Shellfish harvesting waters ([Use] *Class* II waters);
- (2) Shallow water submerged aquatic vegetation ([Use] *Class* II waters);
- (3) Migratory fish spawning and nursery ([Use] *Class* II waters);
- (4) Natural trout waters ([Use] *Class* III and [Use] *Class* III-P waters);
- (5) Recreational trout waters ([Use] *Class* IV and [Use] *Class* IV-P waters);
- (6) Public water supply ([Use] *Class* I-P, II-P, III-P, and IV-P waters).

[F. For each sub-basin in Regulation .08, information is arranged under the following headings:

- (1) Use—Refers to water classification;
- (2) Waters—Exact name of stream segment or segments;
- (3) For geographic reference:

(a) MCGS—Most downstream point or line for each stream segment using the Maryland Coordinate Grid System (East/North);

(b) Latitude/Longitude—Point may reference a limit (NAD 27 or NAD 83) as a point identifier for a tidal (Use II) segment; or may indicate most downstream point or line for a stream segment as in §F(3)(a) of this regulation;

(4) Limits—Written description of boundary of stream segment or tidal segment established by MCGS or MDE;

(5) Any stream segment not listed in Regulation .08 is Use I water.

G. Stream segment classifications for each sub-basin are in Regulation .08.]

.08 Stream Segment Designations.

A. General.

(1) [If using the Maryland Coordinate Grid System (MCGS) (Easting/Northing), the limits indicate the most downstream point or line for the segment. The North American Datum (NAD) for the MCGS is NAD27.] *All geographic coordinates provided within this regulation are expressed in decimal degrees latitude and longitude using the North American Datum of 1983. For most Class I, I-P, III, III-P, IV, or IV-P waters, the limits indicate the most downstream point or line for the segment. In some cases, an upstream point and a downstream point are provided to describe those uses that may apply only to a limited segment of a water body. Any waterbody not listed is a Class I water.*

(2)—(5) (Text Unchanged)

[B.—U.]

(ALL NEW TEXT)

B. Sub-Basin 02-12-02: Lower Susquehanna River Area

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: Susquehanna River and all tributaries except those designated below as Class III-P or Class IV-P	39.664764 39.656485	-76.171530 -76.176049	Upstream of Conowingo Dam to MD/PA line
(2) Class II: (a) Northern Chesapeake Bay (CB1TF2-Class II-P): Susquehanna River mainstem from downstream side of Conowingo Dam on eastern and western shores to confluence with Chesapeake Bay.	39.475132	-76.097580	(1) West side of Spesutie Narrows bridge
Designated Uses Present in Segment:	39.476006	-76.094421	(2) East side of Spesutie Narrows bridge
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.475323	-76.072807	(3) Locust Pt. on Spesutie Island
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.449471	-76.010475	(4) Turkey Pt., 0.1 miles WSW of lighthouse
Application Depth: 2.0 meters, NGZ present	39.529629	-75.979271	(5) Red Pt.
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.540794	-76.002899	(6) East side of Carpenter Pt.
	39.608994	-76.121094	(7) Port Deposit
	39.608959	-76.132683	(8) East side Spencer Island

	39.609001	-76.135147	(9) West side Spencer Island
	39.608971	-76.143379	(10) Just south of Rock Run on western shore
(b) Northern Chesapeake Bay (CB1TF1): Upper Bay mainstem to confluence with CB1TF2 (Susquehanna River), Northeast River (NORTF), Elk River (ELKOH), and CB2OH.	39.420143	-76.123344	(1) 1,000 feet SW of Cherry Tree Pt., APG
Designated Uses Present in Segment:	39.401688	-76.035194	(2) North of Chesapeake Haven, Grove Neck
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.429420	-75.997681	(3) 1,300 feet SW of Wroth Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.449200	-76.007698	(4) Turkey Pt.
Application Depth: 1 meters, NGZ present	39.449471	-76.010475	(5) Turkey Pt., 0.1 miles WSW of lighthouse
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.475323	-76.072807	(6) Locust Pt. on Spesutie Island
	39.476006	-76.094421	(7) East side of Spesutie Narrows bridge
	39.475132	-76.097580	(8) West side of Spesutie Narrows bridge
(3) Class III:			
(a) Rock Run and all tributaries (Cecil County)	39.613544	-76.126972	Upstream of mouth
(4) Class III-P:			
(a) Deer Creek and all tributaries	39.674848	-76.452907	Upstream of Eden Mill Dam
(b) Basin Run and all tributaries	39.661881	-76.147460	
(c) Kellogg Branch and all tributaries	39.632161	-76.410853	
(d) North Stirrup Run and all tributaries	39.614847	-76.401356	
(e) South Stirrup Run and all tributaries	39.614807	-76.401332	
(f) Deep Run and all tributaries	39.691746	-76.259980	

(g) Gladden Branch and all tributaries	39.638320	-76.411963	
(h) Rock Hollow Branch and all tributaries	39.652505	-76.437817	
(i) Love Run and all tributaries	39.690233	-76.126986	
(j) Stone Run and all tributaries	39.701802	-76.110017	
(k) Wet Stone Branch and all tributaries	39.647146	-76.431712	
(l) Unnamed tributary to Deer Creek and all tributaries to this unnamed tributary	39.637940	-76.424561	Near Rock Ridge Road
(m) Little Deer Creek and all tributaries	39.660788	-76.439732	
(n) Elbow Branch and all tributaries	39.618468	-76.169240	
(o) Unnamed tributary to Broad Creek and all tributaries	39.689695	-76.237823	Upstream of confluence with another unnamed tributary
(p) Happy Valley Branch and all tributaries	39.602124	-76.094247	Upstream of Route 222 Bainbridge Road
(q) Unnamed tributary to the Susquehanna River and all tributaries	39.579619	-76.087854	
(5) Class IV: None.			
(6) Class IV-P:			
(a) Deer Creek and all tributaries	39.613418	-76.148934	From mouth to Eden Mill Dam
(b) Octoraro Creek	39.656256	-76.158615	Mainstem only

C. Sub-Basin 02-13-01: Coastal Area

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) All tidal waters within this sub-basin.			
(b) The Shellfish Harvest designated use applies to all portions of this sub-basin except:			
(i) Bishopville Prong and tributaries	38.414613	-75.178402	Upstream of confluence with St. Martins River
(ii) Shingle Landing Prong and its tributaries	38.412382	-75.179411	
	38.408423	-75.173525	Upstream of confluence with St. Martins River at Piney Island
	38.405700	-75.175124	
(iii) Herring Creek and its tributaries	38.339036	-75.129811	Upstream of Rt. 50

(iv) Ocean City Harbor	38.327723	-75.099180	Upstream of entrance to
	38.326950	-75.100301	West Ocean City Harbor

- (3) Class III: None.
(4) Class III-P: None.
(5) Class IV: None.
(6) Class IV-P: None.

D. Sub-Basin 02-13-02: Pocomoke River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) Upper Pocomoke River Tidal Fresh (POCTF):	38.062958	-75.617470	(1) West of Unionville, Somerset Co. side
Designated Uses Present in Segment:	38.062840	-75.616302	(2) West of Unionville, Worcester Co. side
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.183201	-75.391991	(3) Snow Hill, 1,900 feet upstream of Rt. 12
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: .05 meters, NGZ Present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
(b) Middle Pocomoke River Oligohaline (POCOH):	37.966858	-75.674603	(1) On mainland 4,000 feet NW of Fair Island
Designated Uses Present in Segment:	37.951850	-75.676225	(2) MD/VA State Line-Pocomoke Sound
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	37.949924	-75.667353	(3) MD/VA State Line-Pocomoke Sound
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	37.945125	-75.656153	(4) MD/VA State Line south of Williams Pt.
Application Depth: 0.5 meters, NGZ Present	37.946728	-75.648248	(5) MD/VA State Line-Pocomoke Sound
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	37.966423	-75.648553	(6) MD/VA State Line-700' upstream of mouth
	37.994347	-75.624314	(7) Intersection of Somerset Co. and Worcester Co., MD, and Accomack Co., VA

	37.994449	-75.623122	(8) Worcester Co., MD-Accomack Co., VA boundary
	38.062840	-75.616302	(9) West of Unionville, Worcester Co. side
	38.062958	-75.617470	(10) West of Unionville, Somerset Co. side
(c) Lower Pocomoke River Mesohaline (POCMH):	37.924927	-75.848007	(1) Eastward Pt., on eastern side of Broad Creek
Designated Uses Present in Segment:	37.911789	-75.837732	(2) MD/VA State Line, 1.15 miles south of Cow Gap Island
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	37.912169	-75.801148	(3) MD/VA State Line-Pocomoke Sound
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	37.941226	-75.761753	(4) MD/VA State Line-Pocomoke Sound
Application Depth: 1.0 meters, NGZ Present	37.954523	-75.704753	(5) MD/VA State Line-Pocomoke Sound
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	37.955237	-75.691653	(6) MD/VA State Line-Pocomoke Sound
Shellfish Harvest Use: See §D(2)(j) of this regulation	37.951850	-75.676225	(7) MD/VA State Line-Pocomoke Sound
	37.966858	-75.674603	(8) On mainland 4,000 feet NW of Fair Island
(d) Manokin River Mesohaline (MANMH1):	38.131565	-75.948860	(1) Wenona on Deal Island, north of channel
Designated Uses Present in Segment:	38.125946	-75.941216	(2) Eastern point on north side of Little Deal Island
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.122917	-75.937126	(3) Eastern side of Little Deal Island
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.078552	-75.877586	(4) Hazard Island, 1,200 feet NE of tip of Hazard Pt.
Application Depth: 2.0 meters	38.075663	-75.871155	(5) Gut between Hazard Cove and Mine Creek, N side
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.075314	-75.870750	(6) Gut between Hazard Cove and Mine Creek, S side
Shellfish Harvest: See §D(2)(j) of this regulation	38.069160	-75.855591	(7) West part Hazard Island at Shirtpond Cove
	38.069599	-75.853897	(8) East part Hazard Island at Shirtpond Cove

	38.073784	-75.848656	(9) W side of gut heading N from Flatland Cove
	38.074146	-75.848228	(10) E side of gut heading N from Flatland Cove
	38.133823	-75.827339	(11) Cormal Pt.
	38.142979	-75.821144	(12) Champ Pt.
	38.160442	-75.929558	(13) Upper Thorofare at the mouth of Moores Gut
	38.160080	-75.932388	(14) Upper Thorofare, Deal Island side
(e) Manokin River Mesohaline (MANMH2): Designated Uses Present in Segment: Migratory Spawning and Nursery Use: February 1 to May 31, inclusive Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 0.5 meters Open Water Fish and Shellfish Use: January 1 to December 31, inclusive Shellfish Harvest: See §D(2)(j) of this regulation	38.142979	-75.821144	(1) Champ Pt.
	38.133823	-75.827339	(2) Cormal Pt.
	38.172668	-75.732979	(3) Manokin River confluence with Hall Branch
(f) Big Annemessex River Mesohaline (BIGMH1): Designated Uses Present in Segment: Migratory Spawning and Nursery Use: February 1 to May 31, inclusive Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 2.0 meters Open Water Fish and Shellfish Use: January 1 to December 31, inclusive Shellfish Harvest: See §D(2)(j) of this regulation	38.058910	-75.868744	(1) South shore of Pat Island
	38.036049	-75.868935	(2) 700 feet East of Flatcap Pt., Janes Island
	38.020973	-75.856819	(3) North side of gut SW of Acre Creek
	38.020733	-75.856712	(4) South side of gut SW of Acre Creek
	38.016033	-75.846458	(5) West side of Daugherty Creek Canal
	38.015781	-75.845947	(6) East side of Daugherty Creek Canal
	38.078850	-75.782249	(7) Persimmon Pt.
	38.074585	-75.787170	(8) Charles Pt.

	38.074146	-75.848228	(9) East side of gut heading N from Flatland Cove
	38.073784	-75.848656	(10) W side of gut heading N from Flatland Cove
	38.069599	-75.853897	(11) East part Hazard Island at Shirtpond Cove
	38.069160	-75.855591	(12) West part Hazard Island at Shirtpond Cove
	38.065315	-75.866608	(13) Hazard Island, across gut from Pat Island
	38.064907	-75.866974	(14) NE Pat Island, across gut from Hazard Island
(g) Big Annemessex River Mesohaline (BIGMH2): Designated Uses Present in Segment: Migratory Spawning and Nursery Use: February 1 to May 31, inclusive Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 0.5 meters Open Water Fish and Shellfish Use: January 1 to December 31, inclusive Shellfish Harvest: See §D(2)(j) of this regulation	38.074585	-75.787170	(1) Charles Pt.
	38.078850	-75.782249	(2) Persimmon Pt.
	38.087246	-75.733032	(3) 1,000 feet below confluence with Annemessex Creek
(h) Tangier Sound Mesohaline (TANMH1): Designated Uses Present in Segment: Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 2.0 meters, NGZ Present Open Water Fish and Shellfish Use: January 1 to December 31, inclusive Shellfish Harvest: See §D(2)(j) of this regulation	37.941404	-76.083908	(1) MD/VA boundary, 2.25 miles west of Smith Gut Pt.
	37.953599	-76.052055	(2) MD/VA boundary, 1,450' west of Hog Neck
	37.953392	-75.993331	(3) MD/VA boundary, 400' east of Horse Hammock
	37.946050	-75.943628	(4) MD/VA boundary, between Smith and Cedar Is
	37.906718	-75.952630	(5) MD/VA boundary, 2.75 miles west of Clump Island
	37.911304	-75.883558	(6) MD/VA boundary, 300' north of Green Harbor I.
	37.911789	-75.837732	(7) MD/VA boundary, 1.15miles

south of Cow Gap Island

	37.924927	-75.848007	(8) Eastward Pt., on eastern side of Broad Creek
	38.015781	-75.845947	(9) East side of Daugherty Creek Canal
	38.016033	-75.846458	(10) West side of Daugherty Creek Canal
	38.020733	-75.856712	(11) South side of gut SW of Acre Creek
	38.020973	-75.856819	(12) North side of gut SW of Acre Creek
	38.036049	-75.868935	(13) 700 feet east of Flatcap Pt., Janes Island
	38.058910	-75.868744	(14) South shore of Pat Island
	38.064907	-75.866974	(15) NE Pat Island, across gut from Hazard Island
	38.065315	-75.866608	(16) Hazard Island, across gut from Pat Island
	38.075314	-75.870750	(17) Gut between Hazard Cove and Mine Cr., south side
	38.075665	-75.871155	(18) Gut between Hazard Cove and Mine Cr., north side
	38.078552	-75.877586	(19) Hazard Island, 1,200 feet NE of tip of Hazard Pt.
	38.122917	-75.937126	(20) Eastern side of Little Deal Island
	38.125946	-75.941216	(21) Eastern point on north side of Little Deal Island
	38.131565	-75.948860	(22) Wenona on Deal Island, north of channel
	38.136566	-75.959633	(23) Twiggs Pt.
	38.232738	-75.972618	(24) Southern-most point of Clay Island
	38.216042	-76.032051	(25) Bishops Head Pt.
	38.215809	-76.032349	(26) Bishops Head Pt.
	38.231964	-76.134285	(27) Lower Hooper I. between Nancys and Creek Pts.
	38.231445	-76.135773	(28) Lower Hooper I. between Nancys and Creek Pts.
(i) Tangier Sound	38.232738	-75.972618	(1) Southern-most point of Clay Island
Mesohaline (TANMH2):			
Designated Uses Present in Segment:	38.136566	-75.959633	(2) Twiggs Pt.
Shallow Water Submerged Aquatic Vegetation Use:	38.160080	-75.932388	(3) Upper Thorofare, Deal Island side
April 1 to October 30,			

inclusive

Application Depth: 0.5 meters, NGZ Present	38.160442	-75.929558	(4) Upper Thorofare at the mouth of Moores Gut
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.202679	-75.890579	(5) 1,100 feet west of the tip of Long Pt.
Shellfish Harvest: See §D(2)(j) of this regulation	38.227970	-75.893486	(6) Nanticoke Pt. (Stump Point Marsh)
	38.243217	-75.906105	(7) West of Waterview, north of Jones Creek
	38.244740	-75.941284	(8) Sandy Island, NE of Frog Pt.
(j) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:			
(i) Manokin River and tributaries	38.170831	-75.729079	Upstream of confluence of tributaries Manokin River and Kings Creek
(ii) Big Annemessex River and tributaries	38.087987	-75.746775	Upstream of River Road
(iii) Jenkins Creek	37.959260	-75.864354	Upstream of mouth
	37.953123	-75.863595	
(iv) Fair Island Canal	37.961004	-75.662631	
	37.963180	-75.655446	
(v) Pocomoke River	37.994532	-75.624223	Upstream of MD/VA line
(3) Class III: None.			
(4) Class III-P: None.			
(5) Class IV: None.			
(6) Class IV-P: None.			

E. Sub-Basin 02-13-03: Nanticoke River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) Upper Nanticoke River Tidal Fresh (NANTF): from Maryland-Delaware state line to confluence with Plum Creek:	38.538052	-75.745972	(1) 600 feet upstream of Molly Horn Branch
Designated Uses Present in Segment:	38.536259	-75.744843	(2) 375 feet upstream of Plum Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.642723	-75.606522	(3) Seaford, DE just above Middleford Rd.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters, NGZ Present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §E(2)(f) of this regulation			
(b) Middle Nanticoke River Oligohaline (NANOH):	38.387169	-75.859673	(1) 900 feet downstream of Wapremander Creek
Designated Uses Present in Segment:	38.381268	-75.839233	(2) 600 feet upstream of Quantico Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.536259	-75.744843	(3) 375 feet upstream of Plum Creek
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.538052	-75.745972	(4) 600 feet upstream of Molly Horn Branch
Application Depth: 0.5 meters	38.553452	-75.774071	(5) Marshyhope Cr., 500 feet downstream of Big Indian Cr.
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §E(2)(f) of this regulation			
(c) Lower Nanticoke River Mesohaline (NANMH):	38.24474	-75.941284	(1) Sandy Island, NE of Frog Pt.

Designated Uses Present in Segment:	38.243217	-75.906105	(2) West of Waterview, North of Jones Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.381268	-75.839233	(3) 600 feet upstream of Quantico Creek
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.387169	-75.859673	(4) 900 feet downstream of Wapremander Creek
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §E(2)(f) of this regulation			
(d) Wicomico River Mesohaline (WICMH):	38.22797	-75.893486	(1) Nanticoke Pt. (Stump Point Marsh)
Designated Uses Present in Segment:	38.202679	-75.890579	(2) 1,100 feet West of the tip of Long Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.361588	-75.583061	(3) Beaverdam Cr., 3,000 feet upstream of Rt. 12
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §E(2)(f) of this regulation			
(e) Fishing Bay Mesohaline (FSBMH):	38.216042	-76.032051	(1) Bishops Head Pt.
Designated Uses Present in Segment:	38.232738	-75.972618	(2) Southern-most point of Clay Island
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.404148	-76.002716	(3) Transquaking River west of Thorofare Marsh
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.404133	-76.029968	(4) Backgarden Pond, SE shore
Application Depth: 0.5			

meters

Open Water Fish and

Shellfish Use: January 1 to

December 31, inclusive

Shellfish Harvest: See §E(2)(f) of this
regulation

(f) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:

(i) Blackwater River and
tributaries

38.356427 -76.012288

38.355141 -76.008626

Upstream from mouth

(ii) Transquaking River and
tributaries

38.368143 -76.004863

38.370119 -75.994901

Upstream from mouth

(iii) Nanticoke River and
tributaries

38.353333 -75.855293

38.359609 -75.863337

Upstream of line from Runaway
Pt. to Long Pt.

(iv) Wicomico River and
tributaries

38.267422 -75.788291

Upstream of ferry crossing at
White Haven

(v) Monie Creek

38.230120 -75.819620

Upstream from mouth

38.229650 -75.823509

(3) Class III: None.

(4) Class III-P: None.

(5) Class IV: None.

(6) Class IV-P: None.

F. Sub-Basin 02-13-04: Choptank River Area.

Designated Use Class and
Waterbody

Latitude

Longitude

Limits

(1) Class I-P: None.

(2) Class II:

(a) Upper Choptank River
Tidal Fresh (CHOTF):

38.810635

-75.902985

(1) 1,850 feet downstream from
mouth of Tuckahoe Cr.

Designated Uses Present in
Segment:

38.808270

-75.900391

(2) 1,000 feet downstream of
Gilpin Pt.

Migratory Spawning and
Nursery Use: February 1 to
May 31, inclusive

38.980827

-75.792931

(3) 3,500 feet upstream of Rt.
313 bridge

Shallow Water Submerged
Aquatic Vegetation Use:

April 1 to October 30,
inclusive

Application Depth: 0.5
meters, NGZ present

Open Water Fish and

Shellfish Use: January 1 to
December 31, inclusive

Shellfish Harvest: See §F(2)(g) of this regulation			
(b) Middle Choptank River Oligohaline (CHOOH):	38.653545	-75.959129	(1) 1.5 miles downstream of Bow Knee Pt.
Designated Uses Present in Segment:	38.647415	-75.952339	(2) 1.05 miles upstream of Cabin Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.808270	-75.900391	(3) 1,000 feet downstream of Gilpin Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.810635	-75.902985	(4) 1850 feet downstream from mouth of Tuckahoe Cr.
Application Depth: 0.5 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §F(2)(g) of this regulation			
(c) Lower Choptank River Mesohaline (CHOMH2):	38.649193	-76.153114	(1) 0.9 miles N. of Chlora Pt.
Designated Uses Present in Segment:	38.628571	-76.171051	(2) 400 feet west of Castle Haven Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.647415	-75.952339	(3) 1.05 miles upstream of Cabin Creek
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.653545	-75.959129	(4) 1.5 miles downstream of Bow Knee Pt.
Application Depth: 1.0 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §F(2)(g) of this regulation			
(d) Mouth of the Choptank River Mesohaline (CHOMH1):	38.672421	-76.340698	(1) 720 feet along shore NNW of Blackwalnut Pt.
Designated Uses Present in Segment:	38.573353	-76.306503	(2) Hills Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.571705	-76.336029	(3) 1.6 miles almost due west of Hills Pt.

Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.628571	-76.171051	(4) 400 feet west of Castle Haven Pt.
Application Depth: 2.0 meters, NGZ present	38.649193	-76.153114	(5) 0.9 miles N. of Chlora Pt.
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.719967	-76.333054	(6) North side Knapps Narrows, 150 feet west of Rt. 33
Shellfish Harvest: See §F(2)(g) of this regulation	38.719185	-76.334084	(7) South side Knapps Narrows, 275 feet west of Rt. 33
(e) Little Choptank River Mesohaline (LCHMH): Designated Uses Present in Segment:	38.571705	-76.336029	(1) 1.6 miles almost due west of Hills Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.231964	-76.306503	(2) Hills Pt.
Application Depth: 2.0 meters	38.527523	-76.333801	(3) East edge of tidal flat N of existing James Island
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.526997	-76.333771	(4) 190 feet South of LCHMH Point #3
Shellfish Harvest: See §F(2)(g) of this regulation	38.487057	-76.331779	(5) West side of Oyster Cove, Taylors Island
	38.421944	-76.288742	(6) Southern tip of Taylors Island
	38.421051	-76.288589	(7) Meekins Neck, across channel from Point #6
	38.398201	-76.237053	(8) W shore Great Marsh Cr. 1,800 feet above Rt. 335
	38.398605	-76.237030	(9) E shore Great Marsh Cr. 1,800 feet above Rt. 335
(f) Honga River Mesohaline (HNGMH): Designated Uses Present in Segment:	38.231964	-76.134285	(1) Lower Hooper I. between Nancys and Creek Pts.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.215809	-76.032349	(2) Bishops Head Pt.
Application Depth: 2.0 meters	38.398605	-76.237030	(3) Great Marsh Creek, north side, 1,900 feet above 335
Open Water Fish and Shellfish Use: January 1 to	38.398201	-76.237053	(4) Great Marsh Creek, south side, 1,900 feet above 335
	38.349953	-76.227982	(5) Drawbridge, southern Meekins Neck

December 31, inclusive

Shellfish Harvest: See §F(2)(g) of this regulation	38.348228	-76.227264	(6) Drawbridge, northern Upper Hooper Island
	38.298965	-76.206718	(7) Ferry Pt.
	38.295982	-76.204597	(8) NW tip of Middle Hooper I. across from Ferry Pt.
	38.248642	-76.154419	(9) Middle Hooper Island, NW end of The Thorofare
	38.248581	-76.153191	(10) Lower Hooper Island, NE end of The Thorofare

(g) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:

(i) Choptank River and tributaries 38.673807 -75.952263 Upstream of line from Bow Knee Pt. to Wright Wharf

38.670579 -75.945795

(ii) Tred Avon River and tributaries 38.767879 -76.095174 Upstream of Easton Pt.

(3) Class III: None.

(4) Class III-P: None.

(5) Class IV: None.

(6) Class IV-P: None.

G. Sub-Basin 02-13-05: Chester River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) Upper Chester River Tidal Fresh (CHSTF):	39.246002	-75.986618	(1) Travilla Wharf
Designated Uses Present in Segment:	39.245350	-75.985878	(2) Marshy point across from Travilla Wharf
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.254440	-75.839638	(3) Andover Branch 900 feet above Rt. 313
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §G(2)(e) of this regulation			
(b) Middle Chester River Oligohaline (CHSOH):	39.147564	-76.086426	(1) 1,100 feet below Browns Creek

Designated Uses Present in Segment:	39.146572	-76.075684	(2) Northwest Pt., west of Riverview
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.245350	-75.985878	(3) Marshy point across from Travilla Wharf
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.246002	-75.986618	(4) Travilla Wharf
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §G(2)(e) of this regulation			
(c) Lower Chester River Mesohaline (CHSMH):	39.029720	-76.242516	(1) Wickes Beach, Eastern Neck Island
Designated Uses Present in Segment:	39.016422	-76.296959	(2) Kent Island, 1,600 feet N of Grollman Rd.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.970539	-76.248413	(3) Rt. 50, west side of Kent Narrows
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.970455	-76.246330	(4) Rt. 50, east side of Kent Narrows
Application Depth: 1.0 meters	39.146572	-76.075684	(5) Northwest Pt., west of Riverview
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.147564	-76.086426	(6) 1,100 feet below Browns Creek
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive	39.056882	-76.220903	(7) South end of Eastern Neck, east of Route 445 Bridge
Seasonal Deep Channel Refuge Use: Lower pycnocline boundary to bottom from June 1 to September 30, inclusive	39.054563	-76.220229	(8) Northern tip of Eastern Neck Island, east of Route 445 Bridge
Shellfish Harvest: See §G(2)(e) of this regulation			
(d) Eastern Bay Mesohaline (EASMH):	38.836365	-76.369392	(1) Kent Pt.

Designated Uses Present in Segment:	38.752529	-76.340332	(2) 1,500 feet NE of Green Marsh Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.970455	-76.246330	(3) Rt. 50, East side of Kent Narrows
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.970539	-76.248413	(4) Rt. 50, West side of Kent Narrows
Application Depth: 2.0 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive			
Seasonal Deep Channel Refuge Use: Lower pycnocline boundary to bottom from June 1 to September 30, inclusive			
Shellfish Harvest: See §G(2)(e) of this regulation			

(e) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:

(i) Chester River and tributaries	39.207513	-76.059490	Upstream of Rt. 213
(ii) Corsica River	39.061396	-76.081813	Upstream of Earl Cove
	39.060344	-76.084071	
(iii) Piney Creek	38.972919	-76.258409	Upstream of Rt. 50
(iv) Winchester Creek	38.972570	-76.201708	Upstream of mouth
	38.973089	-76.203726	
(v) St. Michaels Harbor	38.789955	-76.217917	
	38.786738	-76.216319	

(3) Class III: None.

(4) Class III-P: None.

(5) Class IV: None.

(6) Class IV-P: None.

H. Sub-Basin 02-13-06: Elk River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P:			
(a) Big Elk Creek and all tributaries	39.605547	-75.831007	Upstream of MD Route 213

(b) Northeast Creek and all tributaries	39.594562	-75.947231	Upstream of confluence with Stoney Run
(c) Mill Creek and all tributaries	39.575652	-76.056760	Upstream of U.S. Route 40
(2) Class II:			
(a) Northeast River Tidal Fresh (NORTF):	39.540794	-76.002899	(1) East side of Carpenter Pt.
Designated Uses Present in Segment:	39.529629	-75.979271	(2) Red Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.608879	-75.937988	(3) 750 feet above RR bridge, 1,500 feet below Rt. 40
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §H(2)(h) of this regulation			
(b) Chesapeake & Delaware (C&D) Canal Oligohaline (C&DOH):	39.525536	-75.874619	(1) East side of Welch Pt.
Designated Uses Present in Segment:	39.523182	-75.871521	(2) West of where the road north from Randalia ends
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.534616	-75.779424	(3) MD/DE State Line-southern shore
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.536623	-75.779582	(4) MD/DE State Line-northern shore
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §H(2)(h) of this regulation			
(c) Bohemia River Oligohaline (BOHOH):	39.486473	-75.923767	(1) Town Pt.
Designated Uses Present in Segment:	39.474773	-75.940498	(2) East of Ford Landing on Veazey Neck
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.461319	-75.783554	(3) 600 feet below where Sandy Branch enters

Shallow Water Submerged
Aquatic Vegetation Use: April 1
to October 30, inclusive
Application Depth: 0.5 meters
Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive
Shellfish Harvest: See §H(2)(h)
of this regulation

(d) Elk River Oligohaline (ELKOH1):	39.449200	-76.007698	(1) Turkey Pt.
Designated Uses Present in Segment:	39.429420	-75.997681	(2) 1,300 feet SW of Wroth Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.474773	-75.940498	(3) East of Ford Landing on Veazey Neck
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.486473	-75.923767	(4) Town Pt.
Application Depth: 2.0 meters	39.523182	-75.871521	(5) West of where the road north from Randalia ends
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.525536	-75.874619	(6) East side of Welch Pt.
Shellfish Harvest: See §H(2)(h) of this regulation	39.544392	-75.855301	(7) Paddy Biddle Cove
	39.545540	-75.876144	(8) 0.6 miles south of Elkmore
(e) Elk River Oligohaline (ELKOH2):	39.545540	-75.876144	(1) 0.6 miles south of Elkmore
Designated Uses Present in Segment:	39.544392	-75.855301	(2) Paddy Biddle Cove
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.607624	-75.822853	(3) Elkton-500 feet below Rt. 7
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §H(2)(h) of this regulation			
(f) Sassafras River Oligohaline (SASOH1):	39.389511	-76.040848	(1) Grove Pt.

Designated Uses Present in Segment:	39.372025	-76.101227	(2) 2,850 feet east of Howells Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.371868	-75.955750	(3) 0.66 miles NW of Freeman Creek
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.378330	-75.961472	(4) Cassidy Wharf
Application Depth: 2.0 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §H(2)(h) of this regulation			
(g) Sassafras River Oligohaline (SASOH2):	39.378330	-75.961472	(1) Cassidy Wharf
Designated Uses Present in Segment:	39.371868	-75.955750	(2) 0.66 miles NW of Freeman Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.376785	-75.806549	(3) 350 feet upstream of Rt. 301
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §H(2)(h) of this regulation			
(h) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:			
(i) Elk River and tributaries	39.513611	-75.884711	Upstream of line from Bull Minnow Pt. to Courthouse Pt.
	39.522583	-75.891449	
(ii) Bohemia River and tributaries	39.485853	-75.908481	Upstream of line from Rich Pt. to Battery Battery Pt.
	39.475916	-75.905035	
(iii) Sassafras River and tributaries	39.370325	-75.978743	Upstream of Ordinary Pt.
	39.363975	-75.975207	
(iv) Stillpond Creek and tributaries (Still Pond)	39.332707	-76.135330	Upstream of Kinnaird Pt.
	39.333612	-76.132329	
(v) Worton Creek	39.291457	-76.181995	Upstream of mouth

	39.299038	-76.178130	
(vi) Fairlee Creek	39.269552	-76.210087	Upstream of mouth
	39.279774	-76.200203	
(vii) Northeast River	39.541074	-76.003000	Upstream of mouth
	39.529124	-75.980445	
(3) Class III: Principio Creek and all tributaries	39.572032	-76.031084	
(4) Class III-P: None.			
(5) Class IV: None.			
(6) Class IV-P: None.			

I. Sub-Basin 02-13-07: Bush River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: Winters Run and all tributaries, including Atkisson Reservoir	39.439084	-76.307513	From Otter Point Creek to upstream boundary of Atkisson Reservoir
(2) Class II:			
(a) Bush River Oligohaline (BSHOH):	39.339172	-76.256592	(1) 800 feet upriver of Leges Lego Pt.
Designated Uses Present in Segment:	39.351715	-76.232986	(2) Mouth of Abbey Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.482510	-76.215805	(3) Church Creek, at the railroad tracks
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §I(2)(b) of this regulation			
(b) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:			
(i) Bush River and tributaries	39.412511	-76.254673	Upstream of line from Fairview Pt. to Chillbury Pt.
	39.407534	-76.242382	
(ii) Romney Creek	39.389322	-76.208158	Upstream of Briar Pt.
	39.388825	-76.212396	
(iii) Swan Creek and tributaries	39.486879	-76.114054	Upstream of line from Swan Creek Point and Plumb Point

	39.489244	-76.122327	
(3) Class III: Bynum Run and all tributaries	39.471465	-76.259730	
(4) Class III-P: None.			
(5) Class IV: None.			
(6) Class IV-P: Winters Run and all tributaries	39.484346	-76.343776	Upstream of Atkisson Reservoir
J. Sub-Basin 02-13-08: Gunpowder River Area.			
Class: Waters	Latitude	Longitude	Limits
(1) Class I-P: Loch Raven Reservoir.	39.430805	-76.543833	Upstream of Loch Raven Dam
(2) Class II:			
(a) Gunpowder River Oligohaline (GUNOH2):	39.358330	-76.345024	(1) Cunninghamhill Cove, mouth of unnamed creek
Designated Uses Present in Segment:	39.356564	-76.322929	(2) Maxwell Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.412685	-76.400780	(3) Gunpowder Falls, 1,500 feet below Rt. 7
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §J(2)(d) of this regulation			
(b) Mouth of Gunpowder River Oligohaline (GUNOH1):	39.316414	-76.331039	(1) 170 feet S of east side of bridge to Carroll Island
Designated Uses Present in Segment:	39.312862	-76.321449	(2) Carroll Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.312767	-76.321190	(3) Carroll Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.303204	-76.296249	(4) Rickett Pt. at end of Ricketts Pt. Rd.
Application Depth: 2.0 meters	39.356564	-76.322929	(5) Maxwell Pt.
Open Water Fish and	39.358330	-76.345024	(6) Cunninghamhill Cove, mouth

Shellfish Use: January 1 to December 31, inclusive			of unnamed creek
Shellfish Harvest: See §J(2)(d) of this regulation	39.326569	-76.361801	(7) 170 feet South of West side of bridge to Carroll Island
	39.326477	-76.361130	(8) 170 feet S of east side of bridge to Carroll Island
(c) Middle River Oligohaline (MIDOH):	39.286442	-76.384102	(1) North shore of Holly Beach
Designated Uses Present in Segment:	39.309422	-76.342964	(2) Carroll Island, between Weir Pt. and Hawthorn Cove
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.326477	-76.361130	(3) 170 feet S of east side of bridge to Carroll Island
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.326569	-76.361801	(4) 170 feet South of west side of bridge to Carroll Island
Application Depth: 2.0 meters	39.329792	-76.446922	(5) 150 feet downstream of RR tracks, above Eastern Blvd
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §J(2)(d) of this regulation			
(d) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:			
(i) Gunpowder River and all tributaries	39.373213	-76.338011	Upstream of line from Oliver Pt. to Maxwell Pt.
	39.357091	-76.322603	
(ii) Middle River	39.303819	-76.394089	Upstream of line from Log Pt. to Turkey Pt.
	39.294278	-76.398539	
(3) Class III:			
(a) Little Gunpowder Falls and all tributaries	39.421494	-76.373807	Above B&O railroad bridge 3/4 mile south of Rt. 7 (Old Philadelphia Road)
(b) Long Green Run and all tributaries	39.436259	-76.463872	
(c) Sweathouse Branch and all tributaries	39.435819	-76.461519	
(d) Cowen Run and all tributaries	39.430809	-76.522574	
(4) Class III-P: Gunpowder Falls and all tributaries			

upstream from Loch Raven
Reservoir

(5) Class IV:

(a) Whitemarsh Run and all tributaries 39.381461 -76.419291

(b) Big Gunpowder Falls 39.425580 -76.529257 U.S. Route 95 upstream to
Cromwell Bridge Road
mainstem only
39.415885 -76.409348

(6) Class IV-P: None.

K. Sub-Basin 02-13-09: Patapsco River Area.

Designated Use Class and
Waterbody

Latitude

Longitude

Limits

(1) Class I-P:

(a) Liberty Reservoir 39.376821 -76.890395 Upstream of Liberty Dam

(b) All tributaries to West
Branch Patapsco River except
those designated below as
Class IV-P

(c) All tributaries to Liberty
Reservoir except those
designated below as Class III-
P or Class IV-P Upstream of Liberty
Reservoir

(2) Class II: Tidal Waters:

(a) Back River Oligohaline 39.231178 -76.408920 (1) Swan Pt., in line with
(BACOH): 11th St.

Designated Uses Present in 39.248951 -76.410530 (2) Rocky Pt. Park, between
Segment: Claybank and Cedar Pts.
Migratory Spawning and 39.307873 -76.520416 (3) Moores Run, 1.25 miles
Nursery Use: February 1 to above I-695
May 31, inclusive

Shallow Water Submerged
Aquatic Vegetation Use: April 1
to October 30, inclusive
Application Depth: 0.5 meters
Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive

Shellfish Harvest: None

(b) Patapsco River Mesohaline 39.131855 -76.435081 (1) Bodkin Neck between
(PATMH): Cedar and Bodkin Pts.
Designated Uses Present in 39.195377 -76.444511 (2) North Pt. south of Fort
Segment: Howard
Migratory Spawning and 39.275375 -76.654480 (3) Gwynns Falls, upstream
Nursery Use: February 1 to end of Carroll Park

May 31, inclusive

Shallow Water Submerged
Aquatic Vegetation Use: April 1
to October 30, inclusive

Application Depth: 1.0 meters,
NGZ present

Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive

Seasonal Deep Water Fish and
Shellfish Use: Upper
pycnocline to lower pycnocline
from June 1 to September 30,
inclusive

Shellfish Harvest: See §K(2)(c)
of this regulation

Seasonal Deep Channel
Refuge. Lower pycnocline
boundary to bottom from from
June 1 to September 30,
inclusive

39.183780	-76.403830	(4) Patapsco River mainstem: Brewerton Channel, eastern extension at line connecting North Pt. and Bodkin Pt.
39.219900	-76.525780	(5) Patapsco River mainstem: Brewerton Channel at Key Bridge (I- 695)
39.219900	-76.525780	(6) Patapsco River mainstem: Fort McHenry Channel, at Key Bridge (I- 695)
39.261940	-76.574550	(7) Patapsco River mainstem: Fort McHenry Channel at Rt. 895 Tunnel
39.224300	-76.529080	(8) Curtis Bay Channel at intersection with Fort McHenry Channel
39.222190	-76.575130	(9) Curtis Bay Channel at intersection with Curtis Creek
39.187780	-76.577670	(10) Curtis Bay Channel at channel terminus
39.254170	-76.571760	(11) Middle Branch: Ferry Bar Channel at intersection with Fort McHenry Channel
39.253060	-76.607630	(12) Middle Branch: Ferry Bar Channel, western terminus anchorages

39.261940	-76.574550	(13) Northwest Branch: East Channel at intersection with Fort McHenry Channel
39.275080	-76.576210	(14) Northwest Branch: East Channel at northern terminus
39.271330	-76.575890	(15) Northwest Branch: Intersection of East and West Channels
39.277310	-76.599340	(16) Northwest Branch: West Channel at northern terminus

Note: Authorized federal and non-federal anchorages associated with the Brewerton, Fort McHenry, Curtis Bay, Ferry Bar, East, and West Channels shall be considered part of the navigation channel system for the purposes of application of designated uses and criteria pursuant to COMAR 26.08.02.02C(1)(f)(i)-(ii) and COMAR 26.08.02.03-3C(9)(e)(I).

(c) Shellfish Harvest	39.164879	-76.476476	
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Subcategory: Estuarine portions of Patapsco River mainstem except the Patapsco River and all tributaries upstream of line from Rock Pt. to North Pt.

39.195821	-76.444927	
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(3) Class III:

(a) Brice Run and all tributaries	39.319009	-76.822519	
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(b) Piney Run and all tributaries	39.352413	-76.895710	From mouth upstream to Slacks Road (on Springfield State Hospital grounds)
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39.380859	-76.944293	
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(c) Jones Falls and all tributaries	39.391029	-76.654062	Upstream of Lake Roland
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(d) Red Run and all tributaries	39.404790	-76.776654	
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(e) Gwynns Falls and all tributaries	39.420864	-76.781840	Upstream of Reisterstown Road
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(f) Gillis Falls and all tributaries	39.362346	-77.065255	
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(g) South Branch Patapsco and all tributaries	39.362284	-77.065456	Upstream of confluence with Gillis Falls tributaries
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(h) Unnamed tributary to the South Branch Patapsco River at Henryton and all tributaries to this unnamed tributary	39.350795	-76.915771	
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(i) Roaring Run (Carroll County) and all tributaries	39.510061	-76.887278	Upstream from mouth
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(j) Unnamed tributary to the South Branch Patapsco River at Marriottsville and all tributaries to this unnamed tributary	39.351956	-76.898985	
(k) Piney Branch and all tributaries	39.357049	-76.996543	
(4) Class III-P:			
(a) Piney Run and all tributaries	39.380859	-76.944293	Upstream of Slacks Road (on Springfield State Hospital grounds)
(b) Morgan Run and all tributaries	39.450451	-76.948306	
(c) Norris Run and all tributaries	39.459228	-76.876215	
(d) Cooks Branch and all tributaries	39.438203	-76.872783	
(e) Keysers Run and all tributaries	39.471594	-76.879122	
(f) Beaver Run and all tributaries	39.484356	-76.898037	
(g) Snowdens Run and all tributaries	39.403823	-76.911979	
(h) Stillwater Creek and all tributaries	39.400553	-76.911755	
(i) Carroll Highlands Run and all tributaries	39.390605	-76.910086	
(j) Autumn Run and all tributaries	39.389618	-76.909671	
(k) Locust Run and all tributaries	39.404995	-76.862578	
(l) Glen Falls Run and all tributaries	39.494078	-76.867964	
(m) East Branch Patapsco River and all tributaries	39.537358	-76.893171	
(n) Little Morgan Run and all tributaries	39.436989	-76.987892	Upstream from confluence with unnamed tributary near Klees Mill Road
(5) Class IV:			
(a) South Branch Patapsco River	39.350065	-76.882132	Mainstem only
(b) Jones Falls	39.311006	-76.620399	Mainstem only. From North Ave. upstream to Lake Roland Dam
	39.378602	-76.643583	
(c) Herring Run and all	39.302647	-76.531400	Upstream of Route I-95

tributaries

(d) Stony Run and all 39.316898 -76.626541

tributaries

(e) Dead Run and all tributaries 39.305360 -76.686387

(f) Stemmers Run and all 39.352105 -76.499513 Upstream of Route I-95
tributaries

(g) Patapsco River 39.221606 -76.713289 Mainstem only. B&O
(Thomas) viaduct upstream
to confluence of North
Branch Patapsco and South
Branch Patapsco.

(h) Gwynns Falls 39.349903 -76.882211
39.420854 -76.781846

Balt. City/County line
upstream to Route 140
(Reisterstown Road)

39.319253 -76.711336

(6) Class IV-P:

(a) North Branch Patapsco 39.493185 -76.872810 Mainstem only upstream of
River Liberty Reservoir

(b) West Branch Patapsco 39.537319 -76.893451 Mainstem only
River

(c) Cranberry Branch and all 39.583162 -76.970392 Upstream of MD Route 852
tributaries (Old Manchester Road)

L. Sub-Basin 02-13-10: West Chesapeake Bay Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) Magothy River Mesohaline (MAGMH):	39.039185	-76.414330	(1) Between Beacon Hill and Tydings on the Bay
Designated Use	39.074715	-76.422539	(2) East side Gibson I. across from Hapenny Way
Present in Segment:	39.114807	-76.548195	(3) End of estuary below Catherine Ave.
Migratory Spawning and Nursery Use:			
February 1 to May 31, inclusive			
Shallow Water			
Submerged Aquatic			
Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 1.0 meters, NGZ present			
Seasonal Deep Water			
Fish and Shellfish Use:			
Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §L(2)(f) of this regulation			
(b) Severn River Mesohaline (SEVMH):	38.946095	-76.455879	(1) Bay Ridge, near Bainbridge Ave
Designated Use	38.976032	-76.452377	(2) Greenbury Pt., 800 feet up east side from the tip
Present in Segment:	39.079697	-76.623398	(3) Severn Run, 1,100 feet downstream of Veterans Hwy.
Migratory Spawning and Nursery Use:			
February 1 to May 31, inclusive			
Shallow Water			
Submerged Aquatic			
Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 1.0			

meters

Open Water Fish and
Shellfish Use: January
1 to December 31,
inclusive

Seasonal Deep Water
Fish and Shellfish Use:
Upper pycnocline to
lower pycnocline from
June 1 to September
30, inclusive

Shellfish Harvest: See
§L(2)(f) of this
regulation

(c) South River Mesohaline (SOUH): Designated Use Present in Segment: Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.888672	-76.489876	(1) Saunders Pt., south of Mayo Beach Park (2) 0.8 miles east of Saunders Pt. (3) Southern shore of Thomas Pt. Park
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.886829	-76.475616	
Application Depth: 1.0 meters, NGZ present Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.907860	-76.466240	
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive	38.983105	-76.606232	(4) 700 feet upstream of Rt. 50

Shellfish Harvest: See
§L(2)(f) of this
regulation

(d) Rhode River Mesohaline (RHDMH): Designated Use Present in Segment:	38.867775	-76.519608	(1) Salt Pond at the mouth of the Rhode River (2) 1.2 miles ESE of Dutchman Pt.
	38.864788	-76.485870	

Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.886829	-76.475616	(3) 0.8 miles east of Saunders Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.888672	-76.489876	(4) Saunders Pt., south of Mayo Beach Park
Application Depth: 0.5 meters, NGZ present	38.883629	-76.554649	(5) Muddy Creek, 1,200 feet below N and S Forks converge
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §L(2)(f) of this regulation			
(e) West River Mesohaline (WSTMH):	38.848892	-76.493805	(1) Felicity Cove, 250 feet north of Bay Rd.
Designated Use	38.864788	-76.485870	(2) 1.2 miles ESE of Dutchman Pt.
Present in Segment: Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.867775	-76.519608	(3) Salt Pond at the mouth of the Rhode River
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.822258	-76.551514	(4) 2,400 feet downstream of Shady Side Rd.
Application Depth: 0.5 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §L(2)(f) of this regulation			
(f) Shellfish Harvest Subcategory. All estuarine portions of tributaries except:			
(i) Magothy River and tributaries	39.08422836	-	Upstream of Henderson Pt.
	39.0817026	-	
		76.51089143	
		76.51760596	

(ii) Severn River and tributaries	39.070697	-76.575016	Upstream of mouth of Forked Creek
	39.068054	-76.575866	
(iii) South River and tributaries	38.958948	-76.577045	Upstream of Porter Pt.
	38.958226	-76.582411	
(iv) Rockhold Creek and tributaries	38.782503	-76.559107	Upstream of Mason Beach Road
(v) Tracys Creek	38.778011	-76.563274	Upstream of Rt. 256
(3) Class III: Jabez Branch and all tributaries	39.082056	-76.629864	
(4) Class III-P: None.			
(5) Class IV: Severn Run and all tributaries	39.080917	-76.626467	Upstream of Rt. 3
(6) Class IV-P: None.			

M. Sub-Basin 02-13-11: Patuxent River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P:			
(a) Little Patuxent River and all tributaries	39.079294	-76.765442	Upstream of Old Forge Bridge (1 mile south of MD Route 198)
(b) Patuxent River and all tributaries except those designated below as Class III-P or Class IV-P	39.117030	-76.875187	Upstream of Rocky Gorge Dam
(2) Class II:			
(a) Upper Patuxent River Tidal Fresh (PAXTF):	38.700325	-76.695824	(1) On Marshy Point 0.5 miles N of Hotschkins Branch
Designated Uses Present in Segment:	38.700516	-76.694160	(2) 0.8 miles north of Jones Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.874958	-76.677834	(3) Near unnamed stream south of Mt. Nebo Branch
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.785023	-76.712456	(4) Mouth of Western Branch, east side
Application Depth: 0.5 meters	38.784637	-76.713326	(5) Mouth of Western Branch, west side
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §M(2)(j) of this regulation			
(b) Western Branch Patuxent River Tidal Fresh (WBRTF):	38.784637	-76.713326	(1) Mouth of Western Branch, west side
Designated Uses Present in Segment:	38.785023	-76.712456	(2) Mouth of Western Branch, east side
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.797241	-76.729507	(3) Where West. Branch narrows, N of sewage plant
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
Shellfish Harvest: See §M(2)(j) of this regulation			

(c) Middle Patuxent River Oligohaline (PAXOH):	38.542320	-76.678818	(1) Chalk Pt., eastern side
Designated Uses Present in Segment:	38.540684	-76.668045	(2) Gods Grace Pt. near end of Leitchs Wharf Rd.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.700516	-76.694160	(3) 0.8 miles north of Jones Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 0.5 meters Open Water Fish and Shellfish Use: January 1 to December 31, inclusive Shellfish Harvest: See §M(2)(j) of this regulation	38.700325	-76.695824	(4) On marshy point 0.5 miles N of Hotschkins Branch
(d) Lower Patuxent River Mesohaline 1 (PAXMH1):	38.304638	-76.421448	(1) Fishing Pt.
Designated Uses Present in Segment:	38.319176	-76.420990	(2) Drum Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.322941	-76.451630	(3) Point of land S of Ship Pt. and E of Ma Leg I.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive Application Depth: 2.0 meters	38.321041	-76.451965	(4) Eastern tip of Solomons
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.386593	-76.498840	(5) Mouth of St. Leonard Creek, east side
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive Shellfish Harvest: See §M(2)(j) of this regulation	38.389153	-76.506416	(6) Petersons Pt.
	38.412220	-76.542747	(7) Island Creek mouth, east Side
	38.411896	-76.544487	(8) Island Creek mouth, Broomes Island Side
	38.481140	-76.647560	(9) 0.64 miles south of the Sandy Pt. near Buzzard I.
	38.475594	-76.662788	(10) Trent Hall Pt.
	38.342590	-76.500587	(11) Mouth of Cuckold Creek, north side
	38.339634	-76.499550	(12) Mouth of Cuckold Creek, south side
(e) Lower Patuxent River	38.475594	-76.662788	(1) Trent Hall Pt.

Mesohaline 2 (PAXMH2):

Refer to designated uses applicable to Lower Patuxent River Mesohaline 1 (PAXMH1) Shallow Water Application Depth: 0.5 meters	38.481140	-76.647560	(2) 0.64 miles south of the Sandy Pt. near Buzzard I.
(f) Lower Patuxent River Mesohaline 3 (PAXMH3): Refer to designated uses applicable to Lower Patuxent River Mesohaline 1 (PAXMH1) Shallow Water Application Depth: 0.5 meters	38.540684	-76.668045	(3) Gods Grace Pt. near end of Leitchs Wharf Rd. (4) Chalk Pt., eastern side (1) Eastern tip of Solomons
(g) Lower Patuxent River Mesohaline 4 (PAXMH4): Refer to designated uses applicable to Lower Patuxent River Mesohaline 1 (PAXMH1) Shallow Water Application Depth: 0.5 meters	38.542320	-76.678818	(2) Point of land S of Ship Pt. and E of Ma Leg I.
(h) Lower Patuxent River Mesohaline 5 (PAXMH5): Refer to designated uses applicable to Lower Patuxent River Mesohaline 1 (PAXMH1) Shallow Water Application Depth: 0.5 meters	38.321041	-76.451965	(1) Mouth of Cuckold Creek, south side (2) Mouth of Cuckold Creek, north side
(i) Lower Patuxent River Mesohaline 6 (PAXMH6): Refer to designated uses applicable to Lower Patuxent River Mesohaline 1 (PAXMH1) Shallow Water Application Depth: 0.5 meters	38.339634	-76.499550	(1) Petersons Pt.
(j) Shellfish Harvest Subcategory. All estuarine portions of tributaries except Patuxent River and tributaries	38.342590	-76.500587	(2) Mouth of St. Leonard Creek, east side
(3) Class III: None	38.389153	-76.506416	(3) 0.25 miles downstream of Parran Road
(4) Class III-P: Patuxent River and tributaries Upstream of Triadelphia Reservoir	38.386593	-76.498840	(1) Island Creek mouth, Broomes Island Side (2) Island Creek mouth, east Side
(5) Class IV: None.	38.446831	-76.492088	(3) 0.7 miles N of point where Marshall Rd. ends
(6) Class IV-P:	38.411896	-76.544487	Upstream of Ferry Landing
	38.412220	-76.542747	
	38.433407	-76.540894	
	38.701927	-76.693783	
	38.701509	-76.696046	
	39.237603	-77.045141	

(a) Patuxent River and tributaries	39.149845	-76.975630	Between Rocky Gorge Reservoir and Triadelphia Reservoir, and including Triadelphia Reservoir
(b) Little Patuxent and Middle Patuxent and all tributaries	39.134120	-76.816032	Little Patuxent and all tributaries upstream of U.S. Route 1 (Washington Boulevard)

N. Sub-Basin 02-14-01: Lower Potomac River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: Tilghman Lake Reservoir	38.545648	-76.941000	
(2) Class II:			
(a) Lower Potomac River Tidal Fresh (POTTF):	38.524168	-77.284804	(1) MLW midway between Shipping Pt. and Quantico Pier
Designated Uses Present in Segment:	38.523266	-77.256630	(2) 1,000 feet SW of Moss Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.554722	-77.220268	(3) Stump Neck, E of radio towers & W of Roach Rd.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.566856	-77.209755	(4) Cornwallis Neck, 0.25 miles NW of Deep Pt.
Application Depth: 2.0 meters, NGZ present	38.702038	-77.044693	(5) Mockley Pt., 500 feet west of tip
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.711002	-77.036736	(6) West of Fort Washington
Shellfish Harvest: See §N(2)(h) of this regulation	38.809449	-77.016184	(7) DC/MD State Line-northern shore of Oxon Creek
	38.805753	-77.020951	(8) DC/MD State Line-southern shore of Oxon Creek
	38.802464	-77.025166	(9) DC/MD State Line-near Fox Ferry Pt.
	38.791836	-77.038923	(10) DC/MD/VA State line, 200' east of Jones Point Park
	38.711002	-77.036736	(11) West of Ft. Washington
	38.702038	-77.044693	(12) Mockley Pt., 500 west of tip
	38.566856	-77.209755	(13) Cornwallis Neck, 0.25 miles NW of Deep Pt.
	38.554722	-77.220268	(14) Stump Neck, E of radio

towers and W of Roach Rd.

Following the mean low water (MLW) line which defines the Maryland/Virginia State boundary to the first point described above, except for the following Virginia embayments where the boundary is the confluence of the mouth of the embayment with the Potomac River; Hunting Creek, Little Hunting Creek, Dogue Creek, Gunston Cove, the unnamed embayment in Mason Neck NWR, Occoquan Bay, Powells Creek, and Quantico Creek.

(b) Lower Potomac River Oligohaline 1 (POTOH1):	38.389680	-77.029268	(1) MLW 1 mile SE of Mathias Pt., just north of 639
Designated Uses Present in Segment:	38.407509	-76.997322	(2) 0.65 miles NW of the town of Popes Creek
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.444935	-77.016396	(3) 1.5 miles SE of Chapel Pt., due E of Windmill Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.444565	-77.040695	(4) Windmill Pt.
Application Depth: 2.0 meters, NGZ present	38.408894	-77.110886	(5) Blossom Pt.
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.408745	-77.124855	(6) 0.15 miles SW of Benny Gray Pt.
Shellfish Harvest: See §N(2)(h) of this regulation	38.523266	-77.256630	(7) 1,000 feet SW of Moss Pt.
	38.524168	-77.284864	(8) MLW midway between Shipping Pt. and Quantico Pier

Following the Mean Low Water (MLW) line which defines the Maryland/Virginia State boundary to the first point described above, except for the following Virginia embayments where the boundary is the confluence of the mouth of the embayment with the Potomac River; Unnamed embayment (Chopawamsic Island), Unnamed embayment (near Arkendale Road), Aquia Creek, and Potomac Creek.

(c) Lower Potomac River Oligohaline 2 (POTOH2): Port Tobacco River	38.444565	-77.040695	(1) Windmill Pt.
Designated Uses Present in Segment:	38.444935	-77.016396	(2) 1.5 miles SE of Chapel Pt., due E of Windmill Pt.
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.500164	-77.026306	(3) Port Tobacco Marina (edge of 7.5 foot quad sheet)
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 1.0 meters, NGZ present			

Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive

Shellfish Harvest: See §N(2)(h)
of this regulation

(d) Lower Potomac River Oligohaline 3 (POTOH3): Nanjemoy Creek	38.408745	-77.124855	(1) 0.15 miles SW of Benny Gray Pt.
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Designated Uses Present in Segment:	38.408894	-77.110886	(2) Blossom Pt.
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Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.475391	-77.130676	(3) Wards Run, 0.25 miles upstream of Hill Top Fork
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Shallow Water Submerged
Aquatic Vegetation Use: April 1
to October 30, inclusive

Application Depth: 1.0 meters,
NGZ present

Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive

Shellfish Harvest: See §N(2)(h)
of this regulation

(e) Lower Potomac River Mesohaline (POTMH):	37.909777	-76.263700	(1) MLW East of Ophelia, 300 feet NW of light
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Designated Uses Present in Segment:	38.038605	-76.321442	(2) Point Lookout
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Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.407509	-76.997322	(3) 0.65 miles NW of the town of Popes Creek
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Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.389680	-77.029268	(4) MLW 1 mile SE of Mathias Pt., just north of 639
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Application Depth: meters,
NGZ present

Open Water Fish and Shellfish
Use: January 1 to December
31, inclusive

Seasonal Deep Water Fish and
Shellfish Use: Upper
pycnocline to lower pycnocline
from June 1 to September 30,
inclusive

Seasonal Deep Channel
Refuge Use: Lower pycnocline
boundary to bottom from June

1 to September 30, inclusive

Shellfish Harvest: See §N(2)(h)
of this regulation

Following the mean low water (MLW) line which defines the Maryland/Virginia State boundary to the first point described above, except for the following Virginia embayments where the boundary is the confluence of the mouth of the embayment with the Potomac River: Upper Machodoc Creek, Rosier Creek, Monroe Bay, Mattox Creek, Popes Creek, Nomini Bay, Lower Machodoc Creek, unnamed embayment (south of Ragged Pt.), Gardner Creek, Jackson Creek, Bonum Creek, Yeocomico River, Coan River, Presley Creek, Hull Creek, and Hock Creek.

(f) Piscataway Creek Tidal Fresh (PISTF): 38.711002 -77.036736 (1) West of Ft. Washington

Designated Uses Present in Segment: 38.702038 -77.044693 (2) Mockley Point, 500 feet west of tip

Migratory Spawning and Nursery Use: February 1 to May 31, inclusive 38.697979 -76.996788 (3) Piscataway Creek Park, north of sewage disposal plant

Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive.

Application depth: 2.0 meters, NGZ Absent

Open Water Fish and Shellfish Use: January 1 to December 31, inclusive.

Shellfish Harvest: See §N(2)(h)
of this regulation

(g) Mattawoman Creek Tidal Fresh (MATTF): 38.566856 -77.209755 (1) Cornwallis Neck, 0.25 miles northwest of Deep Point

Designated Uses Present in Segment: 38.554722 -77.220268 (2) Stump Neck, east of radio towers and west of Roach Road

Migratory Spawning and Nursery Use: February 1 to May 31, inclusive 38.591194 -77.124672 (3) 2300 feet downstream of Routes 224/225

Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive.

Application depth: 1.0 meters, NGZ Absent

Open Water Fish and Shellfish Use: January 1 to December 31, inclusive.

Shellfish Harvest: See §N(2)(h)
of this regulation

(h) Shellfish Harvest Subcategory. All estuarine portions of tributaries except Potomac River and tributaries	38.415027	-77.265037	Above line from Smith Pt. to Simms Pt.
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38.397067 -77.311346

- (3) Class III: None.
- (4) Class III-P: None.
- (5) Class IV: None.
- (6) Class IV-P: None.

O. Sub-Basin 02-14-02: Washington Metropolitan Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: Potomac River and all tributaries except those designated below as Class III, Class III-P, Class IV, or Class IV-P	38.934494	-77.119225	From MD/DC line to Frederick/Montgomery County line
(2) Class II: Anacostia River Tidal Fresh (ANATF):	38.938805	-76.942162	(1) DC/MD State Line-eastern side of Rt. 50 bridge
Designated Uses Present in Segment:	38.918850	-76.941951	(2) 100 feet below Bladensburg Road bridge
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	38.918261	-76.941198	(3) DC/MD State Line-western shore
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive			
Application Depth: 0.5 meters, NGZ present			
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive			
(3) Class III:			
(a) Paint Branch and all tributaries	39.022995	-76.945898	Upstream of Capital Beltway (I-495)
(b) Rock Creek and all tributaries	39.137413	-77.128942	Upstream of Muncaster Mill Road
(c) North Branch Rock Creek and all tributaries	39.117721	-77.101155	Upstream of Muncaster Mill Road
(4) Class III-P:			

(a) Little Seneca Creek and all tributaries	39.143846	-77.337504	From the stream's confluence with Bucklodge Branch to the Baltimore and Ohio railroad bridge (see Regulation .03-3E(1) of this chapter)
	39.182396	-77.296787	
(b) Wildcat Branch and all tributaries	39.216251	-77.210016	
(5) Class IV:			
(a) Rock Creek and all tributaries	39.094296	-77.117781	From Rt. 28 to Muncaster Mill Road
	39.137409	-77.128938	
(b) Northwest Branch Anacostia River and all tributaries	38.967802	-76.968627	Upstream of East-West Highway (Rt. 410)
(6) Class IV-P:			
(a) Little Seneca Creek and all tributaries	39.198890	-77.284809	Upstream of Little Seneca Lake
(b) Great Seneca Creek	39.166086	-77.228309	Mainstem, Route 28 upstream to Route 355
	39.128749	-77.335885	

P. Sub-Basin 02-14-03: Middle Potomac River Area

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: Potomac River and all tributaries except those designated below as Class III-P or Class IV-P	39.221736	-77.456451	From Frederick/Montgomery County line to confluence with Shenandoah River
(2) Class II: None.			
(3) Class III: None.			
(4) Class III-P:			
(a) Tuscarora Creek and all tributaries	39.458359	-77.375099	
(b) Carroll Creek and all tributaries	39.423513	-77.429438	Upstream of U.S. Route 15
(c) Rocky Fountain Run and all tributaries	39.332070	-77.422527	
(d) Fishing Creek and all tributaries	39.505696	-77.391445	
(e) Hunting Creek and all tributaries	39.550482	-77.358179	
(f) Owens Creek and all tributaries	39.579028	-77.332576	
(g) Friends Creek and all	39.719868	-77.389272	

tributaries				
(h) Catoctin Creek and all tributaries	39.450300	-77.562603	Upstream of Alternate U.S. Route 40	
(i) Little Bennett Creek and all tributaries	39.279411	-77.314709	Upstream of MD Rt. 355	
(j) Furnace Branch and all tributaries	39.243999	-77.439955		
(k) Ballenger Creek and all tributaries	39.362694	-77.410124		
(l) Bear Branch and all tributaries	39.292638	-77.405135	From confluence with Bennett Creek upstream	
(m) Middle Creek and all tributaries	39.448829	-77.603343	Upstream of the confluence with an unnamed trib south of Geaslin Drive	
(n) Unnamed tributary to Talbot Branch and all tributaries to this unnamed tributary	39.455887	-77.160651	Stream flows in southerly direction. Mouth of stream joins Talbot Branch near intersection of Black Ankle Road and Talbot Run Road	
(o) Unnamed tributary to Talbot Branch and all tributaries to this unnamed tributary	39.454004	-77.154174	Stream flows in northwesterly direction. Mouth of stream joins Talbot Branch 500 meters east of the intersection of Black Ankle Road and Talbot Run Road	
(p) Unnamed tributary to Big Pipe Creek and all tributaries	39.675821	-76.941553	Upstream from confluence with another unnamed tributary just south of Wine Road	
(q) Bennett Creek and all tributaries	39.302446	-77.217707	Upstream from confluence with Unnamed tributary	
(5) Class IV: None.				
(6) Class IV-P:				
(a) Monocacy River and tributaries except those designated above as Class III-P	39.398435	-77.366868	Upstream of U.S. Rt. 40	
(b) Catoctin Creek	39.309777	-77.567051	Mainstem only, from mouth upstream to Alternate U.S. Rt. 40	
	39.450300	-77.562603		
(c) Israel Creek and all tributaries	39.327756	-77.682559		

Q. Sub-Basin 02-14-05: Upper Potomac River Area.

Designated Use Class and	Latitude	Longitude	Limits
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Waterbody

(1) Class I-P: Potomac River and all Maryland tributaries except those designated below as Class III-P or Class IV-P	39.323294	-77.726927	From the confluence of Shenandoah River to the confluence of the North and South Branches of the Potomac River
(2) Class II: None.			
(3) Class III: None.			
(4) Class III-P:			
(a) All tributaries to Town Creek	39.522699	-78.543322	
(b) Beaver Creek and all tributaries	39.534756	-77.709125	In Antietam Creek Watershed
(c) Marsh Run and all tributaries	39.649666	-77.688571	In Antietam Creek Watershed
(d) Little Antietam Creek and all tributaries	39.682366	-77.634870	
(e) Camp Spring Run and all tributaries	39.620790	-77.938279	
(f) Lanes Run and all tributaries	39.666906	-77.994074	
(g) White Sulfur Run and all tributaries	39.660897	-78.458186	
(h) Fifteenmile Creek and all tributaries	39.682419	-78.457543	Upstream of the intersection of Fifteenmile Creek Road and Route 40
(i) Terrapin Run and all tributaries	39.668854	-78.433389	Upstream from Route 68
(j) Spring Lick and all tributaries	39.656160	-78.396852	
(k) Big Run and all tributaries	39.524737	-78.533497	In Allegany County
(l) Unnamed tributary to the Potomac River that flows through Twigg Hollow and all tributaries to this unnamed tributary	39.579220	-78.460902	Upstream of terminus of Outdoor Club Road
(m) Unnamed tributary to the Potomac River that flows through Roby Hollow and all tributaries to this unnamed tributary	39.588595	-78.429987	
(n) Unnamed tributary to the Potomac River that flows through Devil's Alley and all tributaries to this unnamed tributary	39.607699	-78.428234	
(o) Unnamed tributary to	39.705681	-78.377356	Upstream of the

Sideling Hill Creek at Piney Grove			intersection of Orleans Road and Route 40
(p) Unnamed Tributary to Sideling Hill Creek that flows through Swain Hollow and all tributaries to this unnamed tributary	39.678549	-78.340979	
(q) Munson Spring Branch and all tributaries	39.705626	-78.246756	Upstream from a point due north of the Route 68 Exit 77
(r) Unnamed Tributary to Rattle Run that flows through the Hickory Ridge Unit and all tributaries to this unnamed tributary	39.692248	-78.022278	
(s) Unnamed Tributary to Little Conococheague Creek at Polecat Hollow Road and all tributaries to this unnamed tributary	39.691872	-77.939952	From confluence with Little Conococheague parallel to Polecat Hollow Road
(5) Class IV: None.			
(6) Class IV-P:			
(a) Town Creek	39.522699	-78.543322	Mainstem only
(b) Fifteen Mile Creek and all tributaries	39.624306	-78.385322	
(c) Sideling Hill Creek and all tributaries	39.638721	-78.334084	
(d) Tonoloway Creek and all tributaries	39.694133	-78.156356	
(e) Licking Creek and all tributaries	39.651071	-78.049665	
(f) Conococheague Creek and all tributaries	39.601204	-77.828375	
(g) Antietam Creek and all tributaries, except those designated above as Class III-P	39.417405	-77.745951	
(h) St. James Run	39.619544	-77.746772	Mainstem only. Confluence with Marsh Run upstream to headwaters
	39.537282	-77.763520	

R. Sub-Basin 02-14-10: North Branch Potomac River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
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(1) Use I-P:

(a) North Branch Potomac River mainstem except that portion designated below as Use III-P	39.528486	-78.587610	From the confluence of the North and South Branches of the Potomac River to the MD/WV State line
(b) Mill Run and all tributaries (Allegany County) between the confluence with the North Branch Potomac and the Route 220 McMullen Highway road crossing	39.537360	-78.871353	From confluence with North Branch Potomac to the Route 220 McMullen Highway road crossing
	39.533030	-78.886076	
(c) Unnamed tributary to Mill Run and its tributaries in Allegany County	39.533054	-78.886147	From confluence with Mill Run upstream to headwaters
(d) An unnamed tributary near Pinto	39.567213	-78.839990	Confluence of the unnamed tributary with the North Branch of the Potomac River

(2) Use II: None.

(3) Use III: None.

(4) Use III-P:

(a) North Branch Potomac River mainstem from below Jennings Randolph Dam downstream to the confluence with Laurel Run near Bloomington	39.4742592	-	Mainstem only. From Jennings Randolph Dam downstream to the confluence with Laurel Run near Bloomington
		79.1054876	
	39.4317897	-	
		79.1167041	
(b) All other waters are Use III-P except:			From confluence of North and South Branches of the Potomac River to the MD/WV state line
(i) Those designated above as Use I-P			
(ii) Those designated below as Use IV-P waters			

Note: Mill Run and all tributaries upstream from the Route 220 McMullen Highway road crossing (near intersection with Hansel Drive) are designated as Use III-P.

(5) Use IV: None.

(6) Use IV-P:

(a) Wills Creek	39.648896	-78.764400	Mainstem only
(b) Evitts Creek	39.624841	-78.739466	Mainstem only
(c) Georges Creek	39.645609	-78.915845	Mainstem only
	39.483470	-79.046265	

S. Sub-Basin 05-02-02: Youghiogheny River Area

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Use I-P:			
(a) Broad Ford Run and all tributaries	39.407985	-79.371406	Upstream of Dam
(b) Piney Creek and all tributaries	39.701701	-79.019864	Upstream from the confluence with Church Creek to the boundary of the Frostburg Watershed property (near Jay Road)
	39.721323	-78.960085	
(2) Use II: None.			
(3) Use III:			
(a) North and South Branches of the Casselman River and all tributaries	39.668489	-79.177571	Upstream from the confluence of the North and South Branches Casselman to the headwaters
(b) Piney Creek and all tributaries in Maryland, including Church Creek	39.722576	-79.048833	From MD/PA State line upstream to confluence of Church Creek
	39.701701	-79.019864	
(c) Shade Run and all tributaries	39.684455	-79.164149	
(d) Spiker Run and all tributaries	39.680001	-79.169868	
(e) Puzzley Run and all tributaries	39.721853	-79.232254	
(f) Unnamed tributary to the Casselman River and all tributaries to this unnamed tributary	39.709365	-79.117389	
(4) Use III-P:			
(a) Youghiogheny River and all tributaries joining the mainstem of the Youghiogheny River in Maryland	39.721389	-79.391256	Upstream from MD/PA State line
(b) Piney Creek and all tributaries	39.721323	-78.960085	Upstream from the Frostburg Watershed property (near Jay Road)
(5) Class IV: Casselman River	39.722386	-79.111767	Mainstem only, from Pennsylvania line upstream to the confluence of the South and North Branches of the

Casselman

(6) Class IV-P: None.

T. Sub-Basin 02-05-03: Conewago Creek

- (1) Class I-P: None.
- (2) Class II: None.
- (3) Class III: None.
- (4) Class III-P: None.
- (5) Class IV: None.
- (6) Use IV-P: None.

U. Sub-Basin 02-13-99: Chesapeake Bay (Mainstem).

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) Class I-P: None.			
(2) Class II:			
(a) Northern Chesapeake Bay (CB1TF1): See Sub-Basin 02-12-02: Lower Susquehanna River Area.			
(b) Northern Chesapeake Bay (CB1TF2): See Sub-Basin 02-12-02: Lower Susquehanna River Area.			
(c) Upper Chesapeake Bay (CB2OH): Upper Chesapeake Bay Oligohaline	39.225143	-76.408775	(1) North Pt. SP, Black Marsh, 1200' NE of sm. creek
Designated Uses Present in Segment:	39.207447	-76.246994	(2) 3,000 feet S of Rt. 21 (Tolchester Beach Rd.)
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.372025	-76.101227	(3) 2,850 feet east of Howells Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.389511	-76.040848	(4) Grove Pt.
Application Depth: 0.5 meters, NGZ present	39.401688	-76.035194	(5) North of Chesapeake Haven, Grove Neck
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.420143	-76.123344	(6) 1,000 feet SW of Cherry Tree Pt., APG
Shellfish Harvest: See §U(2)(g) of this regulation	39.351715	-76.232986	(7) North Pt. south of Fort Howard
	39.339172	-76.256592	(8) 800 feet upriver of Lego Pt.
	39.303204	-76.296249	(9) Rickett Pt. at end of Ricketts Pt. Rd.
	39.312767	-76.32119	(10) Carroll Pt.
	39.312862	-76.321449	(11) Carroll Pt.

	39.316414	-76.331039	(12) Carroll I., midway betw.White Oak and Carroll Pts.
	39.309422	-76.342964	(13) Carroll Island, between Weir Pt.and Hawthorn Cove
	39.286442	-76.384102	(14) North shore of Holly Beach
	39.248951	-76.41053	(15) Rocky Pt. Park, between Claybank and Cedar Pts.
	39.231178	-76.40892	(16) Swan Pt., in line with 11th St.
(d) Upper Central Chesapeake Bay (CB3MH): Upper Chesapeake Bay Mesohaline	38.995991	-76.413185	(1) 500 feet SE of Moss Pond
Designated Uses Present in Segment:	38.989105	-76.330185	(2) 0.6 miles NE of where Rt. 50 W meets the Bay
Migratory Spawning and Nursery Use: February 1 to May 31, inclusive	39.016422	-76.296959	(3) Kent Island, 1,600 N of Grollman Rd.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	39.02972	-76.242516	(4) Wickes Beach, Eastern Neck Island
Application Depth: 0.5 meters, NGZ present	39.054563	-76.220229	(5) Northern tip of Eastern Neck Island, east of Route 445 Bridge
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	39.056882	-76.220903	(6) Southern End of Eastern Neck, east of Route 445 Bridge
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive	39.207447	-76.246994	(7) 3,000 S of Rt. 21 (Tolchester Beach Rd.)
Seasonal Deep Channel Refuge Use: Lower pycnocline boundary to bottom from June 1 to September 30, inclusive	39.225143	-76.408775	(8) North Pt. SP, Black Marsh, 1,200 feet NE of sm. creek
Shellfish Harvest: See§U(2)(g) of this regulation	39.195377	-76.444511	(9) North Pt. south of Fort Howard
	39.131855	-76.435081	(10) Bodkin Neck between Cedar and Bodkin Pts.
	39.074715	-76.422539	(11) East side Gibson I.

			across from Hapenny Way
	39.039185	-76.41433	(12) Between Beacon Hill and Tydings on the Bay
(e) Middle Central Chesapeake Bay (CB4MH):	38.384819	-76.381432	(1) Cove Pt.
Designated Uses Present in Segment:	38.393951	-76.282532	(2) Meekins Neck, 800 feet north of Cattail Island
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	38.421051	-76.288589	(3) Meekins Neck, across channel from Point #4
Application Depth: 2.0 meters, NGZ present	38.421944	-76.288742	(4) Southern tip of Taylors Island
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.487057	-76.331779	(5) West side of Oyster Cove, Taylors Island
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive	38.526997	-76.333771	(6) 190 feet south of LCHMH Point #3
Seasonal Deep Channel Refuge Use: Lower pycnocline boundary to bottom from June 1 to September 30, inclusive	38.527523	-76.333801	(7) East edge of tidal flat N of existing James Island
Shellfish Harvest: See §U(2)(g) of this regulation	38.672421	-76.340698	(8) 720 feet along shore NNW of Blackwalnut Pt.
	38.719185	-76.334084	(9) South side Knapps Narrows, 275 feet west of Rt. 33
	38.719967	-76.333054	(10) North side Knapps Narrows, 150 feet west of Rt. 33
	38.752529	-76.340332	(11) 1,500 feet NE of Green Marsh Pt.
	38.836365	-76.369392	(12) Kent Pt.
	38.989105	-76.330185	(13) 0.6 mile NE of where Rt. 50 W meets the Bay
	38.995991	-76.413185	(14) 500 feet SE of Moss Pond
	38.976032	-76.452377	(15) Greenbury Pt., 800 feet up east side from the tip
	38.946095	-76.455879	(16) Bay Ridge, near Bainbridge Ave

	38.90786	-76.46624	(17) Southern shore of Thomas Pt. Park
	38.848892	-76.493805	(18) Felicity Cove, 250 feet north of Bay Rd.
(f) Lower Central Chesapeake Bay (CB5MH):	37.889451	-76.236198	(1) Smith Pt.
Designated Uses Present in Segment:	37.88568	-76.229038	(2) MD/VA State Line-2500' SW of Smith Pt.
Shallow Water Submerged Aquatic Vegetation Use: April 1 to October 30, inclusive	37.941404	-76.083908	(3) MD/VA State Line-2.25 miles west of Smith Gut Pt.
Application Depth: 2.0 meters, NGZ present	38.05191	-76.128838	(4) 7,000 feet N and 2,500 feet W of Fog Pt., Smith Island
Open Water Fish and Shellfish Use: January 1 to December 31, inclusive	38.231445	-76.135773	(5) Lower Hooper I. between Nancys and Creek Pts.
Seasonal Deep Water Fish and Shellfish Use: Upper pycnocline to lower pycnocline from June 1 to September 30, inclusive	38.248581	-76.153191	(6) Lower Hooper Island, NE end of The Thorofare
Seasonal Deep Channel Refuge Use: Lower pycnocline boundary to bottom from June 1 to September 30, inclusive	38.248642	-76.154419	(7) Middle Hooper Island, NW end of The Thorofare
Shellfish Harvest: See §U(2)(g) of this regulation	38.295982	-76.204597	(8) NW tip of Middle Hooper I. across from Ferry Pt.
	38.298965	-76.206718	(9) Ferry Pt.
	38.348228	-76.227264	(10) Drawbridge, northern Upper Hooper Island
	38.349953	-76.227982	(11) Drawbridge, southern Meekins Neck
	38.393951	-76.282532	(12) Meekins Neck, 800 feet north of Cattail Island
	38.384819	-76.381432	(13) Cove Pt.
	38.319176	-76.42099	(14) Drum Pt.
	38.304638	-76.421448	(15) Fishing Pt.
	38.038605	-76.321442	(16) Point Lookout
	37.909725	-76.263702	(17) East of Ophelia, 300 feet NW of light

(g) Shellfish Harvest Subcategory. All waters of the Chesapeake Bay Proper From the Susquehanna River mouth to the Virginia State line, including the tidal waters of the Chesapeake Bay bounded generally by the shoreline of the Bay and by "zero river

mile" lines of estuaries and tributaries to the Bay, as designated by the Department of the Environment, and any peripheral waters designated as part of the Chesapeake Bay Proper by the Department of the Environment after consultation with the Tidewater Administration and the Forest, Park and Wildlife Service.

(3) Class III: None.

(4) Class III-P: None.

(5) Class IV: None.

(6) Class IV-P: None.

26.08.02.11

.11 General Water Quality Certifications.

- A. (Text Unchanged)
- B. General Water Quality Certification (GWQC) for the Installation of Utility Lines.
 - (1)—(3) (Text Unchanged)
 - (4) Construction Specifications.
 - (a)—(e) (Text Unchanged)
 - (f) To protect important aquatic species, in-stream work is prohibited as determined by the use designation of the stream, as follows:
 - (i) [Use] *Class I* and [Use] *Class I-P* Waters. In-stream work may not be conducted during the period March 1 through June 15, inclusive, during any year.
 - (ii) [Use] *Class II* Waters. In-stream work may not be conducted during the period June 1 through September 30 or December 16 through March 14, inclusive, during any year.
 - (iii) [Use] *Class III* and [Use] *Class III-P* Waters. In-stream work may not be conducted during the period October 1 through April 30, inclusive, during any year.
 - (iv) [Use] *Class IV* and [Use] *Class IV-P* Waters. In-stream work may not be conducted during the period March 1 through May 31, inclusive, during any year.
 - (g)—(h) (Text Unchanged)
 - (5)—(6) (Text Unchanged)

26.08.04.02-1

.02-1 Discharge Permit Limits.

- A.—B. (Text Unchanged)
- C. Corrosion and Erosion.
 - (1) Reasonable Potential. A discharger will not be found to cause, have the reasonable potential to cause, or contribute to an exceedance of a numerical water quality standard for a pollutant caused by normal corrosion and erosion from a facility's water distribution piping and appurtenances or associated with intake water from a municipal drinking water supply, if:
 - (a)—(d) (Text Unchanged)
 - (e) The discharger's receiving water body for the discharge is not a [Use] *Class III* or [Use] *Class III-P* water.
 - (2) (Text Unchanged)
- D. (Text Unchanged)

26.08.04.04

.04 Sewage Treatment Works.

- A.—B. (Text Unchanged)
- C. Level of Required Treatment.
 - (1) (Text Unchanged)
 - (2) Special Treatment Requirements for Discharge to Shellfish Harvesting Waters.
 - (a) Treatment sufficient to afford protection for shellfish harvesting waters shall be required for all sewage treatment works discharging into [Use] *Class II* waters.
 - (b)—(c) (Text Unchanged)
 - (3)—(4) (Text Unchanged)